

Notice of Allowability

Application No.

10/727,789

Examiner

Quochien B. Vuong

Applicant(s)

SAYEEDI ET AL.

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/31/2004.
2. ☒ The allowed claim(s) is/are 1-31.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 04/19/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. The application has been amended as follows:

In the Claims:

Claim 1, line 10, before the phrase "group of operations", change "**the**" to --a--.

Claim 13, line 9, after the phrase "an operation from", change "**the**" to --a--.

Claim 16, line 10, before the phrase "group of operations", change "**the**" to --a--.

Claim 25, line 9, before the phrase "group of operations", change "**the**" to --a--.

Claim 28, line 11, before the phrase "group of operations", change "**the**" to --a--.

Claim 29, line 10, before the phrase "group of operations", change "**the**" to --a--.

Claim 30, line 11, before the phrase "group of operations", change "**the**" to --a--.

Claim 31, line 10, before the phrase "group of operations", change "**the**" to --a--.

Reasons for Allowance

3. The Examiner's amendment is needed to correct a minor error to avoid lacking antecedence basis in the claims in order to put the case in condition for allowance.

4. Claims 1-31 are allowed over the cited prior art.

5. The following is an examiner's statement of reasons for allowance:

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Regarding independent claims 1, 13, 16, 25, 28, 28, 30, and 31, Lim et al. (US 6,035,636) disclose a method, mobile station, and base station for supporting packet data service connection comprising: generating, by a mobile station (MS), a message that requests a service request operation for a packet data connection; and transmitting the message to a base station (BS) in order to request the service request operation for the connection, wherein each of the connection is a connection between the MS and a radio network controller, and wherein the service request operation comprises an operation from a group of connection origination, connection reactivation, and dormant mode handoff (column 4, line 4 – column 6, line 61). However, Lim et al. and the prior art of record fail to further teach the method, mobile station, and base station above for supporting multiple packet data service connections, wherein each of the plurality of connections is a connection between the MS and a radio access network (RAN), wherein each of the plurality of connections is individually identified using a service reference identifier value in a message field or a bit value in a bitmap, and wherein the service request operation comprises an operation from the group of operations consisting of connection origination, connection reactivation, and dormant mode handoff.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Information Disclosure Statement

6. The information disclosure statement (IDS) submitted on 04/19/2004 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Dorenbosch et al. (US 6,768,726) disclose a method and apparatus for effecting a seamless handoff between IP connections.

Hiller et al. (US 6,950,657) disclose a method for providing multiple points of connectivity to subscribers of wireless networks.

Choi et al. (US 6,963,550) disclose handoff method in CDMA communication system.

Madour et al. (US 7,065,062) disclose mobile IP management at dormant hand-over in CDMA IP-based cellular packet-data network.

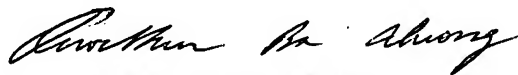
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quochien B. Vuong whose telephone number is (571) 272-7902. The examiner can normally be reached on M-F 9:30-18:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The

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fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



QUOCHIE B. VUONG
PRIMARY EXAMINER

Quochien B. Vuong
Mar. 18, 2007.